

AMENDMENTS TO THE CLAIMS

1-19. (Cancelled)

20. (New) A process for detecting the presence of a nucleoside triphosphate in a sample, comprising a step of detecting the phosphorylation of a nucleoside diphosphate kinase (NDPK) to the phosphoenzyme form, wherein the NDPK is an NDPK of *Myxococcus xanthus* having the amino acid sequence of SEQ ID NO: 2, which is modified to carry an IDCC label attached to cysteine at position 112 in both the NDPK's phosphorylated and unphosphorylated forms, which label gives a different detectable signal when the enzyme is phosphorylated from when it is unphosphorylated.

21. (New) The process of claim 20, wherein the nucleoside triphosphate is ATP or GTP.

22. (New) The process of claim 20, being a quantitative process.

23. (New) The process of claim 21, being a quantitative process.